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Our Ref.: 39-189

Your Ref.: _____ Date: March 2, 2001

To: Examiner Woitach, J. - Group: 1632
Firm: USPTO
Facsimile No.: (703) 308-8724
From: Mary J. Wilson

Number of Pages (including cover sheet): 6

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Tabitha A. Trice
FACSIMILE OPERATOR

ATTACHMENT/S: **OFFICIAL SUPPLEMENTAL AMENDMENT**

MESSAGE:

In re PATENT APPLICATION OF:

BULLEID

Serial No.: 09/380,377

Filed: September 16, 1999

For: PROCOLLAGEN ASSEMBLY

OFFICIAL

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488853

IN THE UNITED STATES PATENT AND TRADEMA OFFICE

In re Patent Application of

Atty Dkt: 39-189

BULLEID

C#

M#

Group Art Unit: 1632

Serial No. 09 380 377

Examiner: Woltach, J

Filed: September 16, 1999

Date: March 2, 2001

Title: PROCOLLAGEN ASSEMBLY

Assistant Commissioner for Patents
Washington, DC 20231

Sir

RESPONSE/AMENDMENT/LETTER

This is a response amendment letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

Fees are attached as calculated below:

Total effective claims after amendment 0 minus highest number previously paid for 20 (at least 20) = 0 x \$ 18.00 \$ 0.00

Independent claims after amendment 0 minus highest number previously paid for 3 (at least 3) = 0 x \$ 80.00 \$ 0.00

If proper multiple dependent claims now added for first time, add \$270.00 (ignore improper) \$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$390.00/2 months; \$890.00/3 months) \$

Terminal disclaimer enclosed, add \$ 1.00 \$ 0.00

First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$710.00) \$ 0.00
 Please enter the previously unentered , filed
 Submission attached

Request for Continued Examination pursuant to 37 C.F.R. § 1.114 (\$710.00) \$ 0.00
 Please enter the previously unentered , filed
 or Required submission attached

Subtotal \$

If "small entity," then enter half (1/2) of subtotal and subtract
 This application is entitled to "Small entity" status. "Small entity" statement attached. -\$

Rule 56 Information Disclosure Statement Filing Fee (\$180.00) \$ 0.00

Assignment Recording Fee (\$40.00) \$ 0.00

Other: \$ 0.00

TOTAL FEE TO BE DEBITED \$

The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON & VANDERHYE P.C.
By Atty: Mary J. Wilson, Reg. No. 32,955

Signature



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

BULLEID

Atty. Ref.: 38-169

Serial No.: 09/380,377

Group Art Unit: 1630

Filed: September 16, 1999

Examiner: Weitach, J.

For: PROCOLLAGEN ASSEMBLY

* * * * *

March 1, 2001

SUPPLEMENTAL AMENDMENT

Hon. Commissioner of Patents
and Trademarks
Washington, DC 20231

Sir:

Supplementing the Amendment filed January 8, 2001,
kindly further amend this application as follows.

IN THE CLAIMS:

Add the following new claim.

--29. A method of producing a first procollagen comprising expressing in a cell, that expresses and assembles a second procollagen, a nucleic acid sequence(s) that encode(s) pro- α chains for assembly into said first procollagen, wherein said nucleic acid sequence(s) do not encode pro- α chains that co-assemble with pro- α chains that

assemble to form said second procollagen, wherein at least one of said pro- α chains for assembly into said first procollagen comprises:

ii) a first moiety having activity for assembly into a trimeric procollagen C-propeptide and being from a first type of pro- α chain, wherein said first moiety contains a recognition sequence for chain selection, and;

iii) a second moiety containing a triple helix forming domain from a pro- α chain different from said first type,

said first moiety being attached to said second moiety so that said recognition sequence permits co-assembly of said polypeptide with other polypeptides having said activity and a triple helix forming domain. --

REMARKS

Reconsideration of this application and entry of the foregoing amendment is respectfully requested.

New claim 29 is fully supported by an enabling disclosure, including the claims as originally filed.

This application is submitted to be in condition for
allowance and a Notice of Allowance is requested.

Respectfully submitted,

NIXON & VANDERHYE, P.C.

By Mary S. Wilson
Mary S. Wilson
Reg. No. 32,255

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